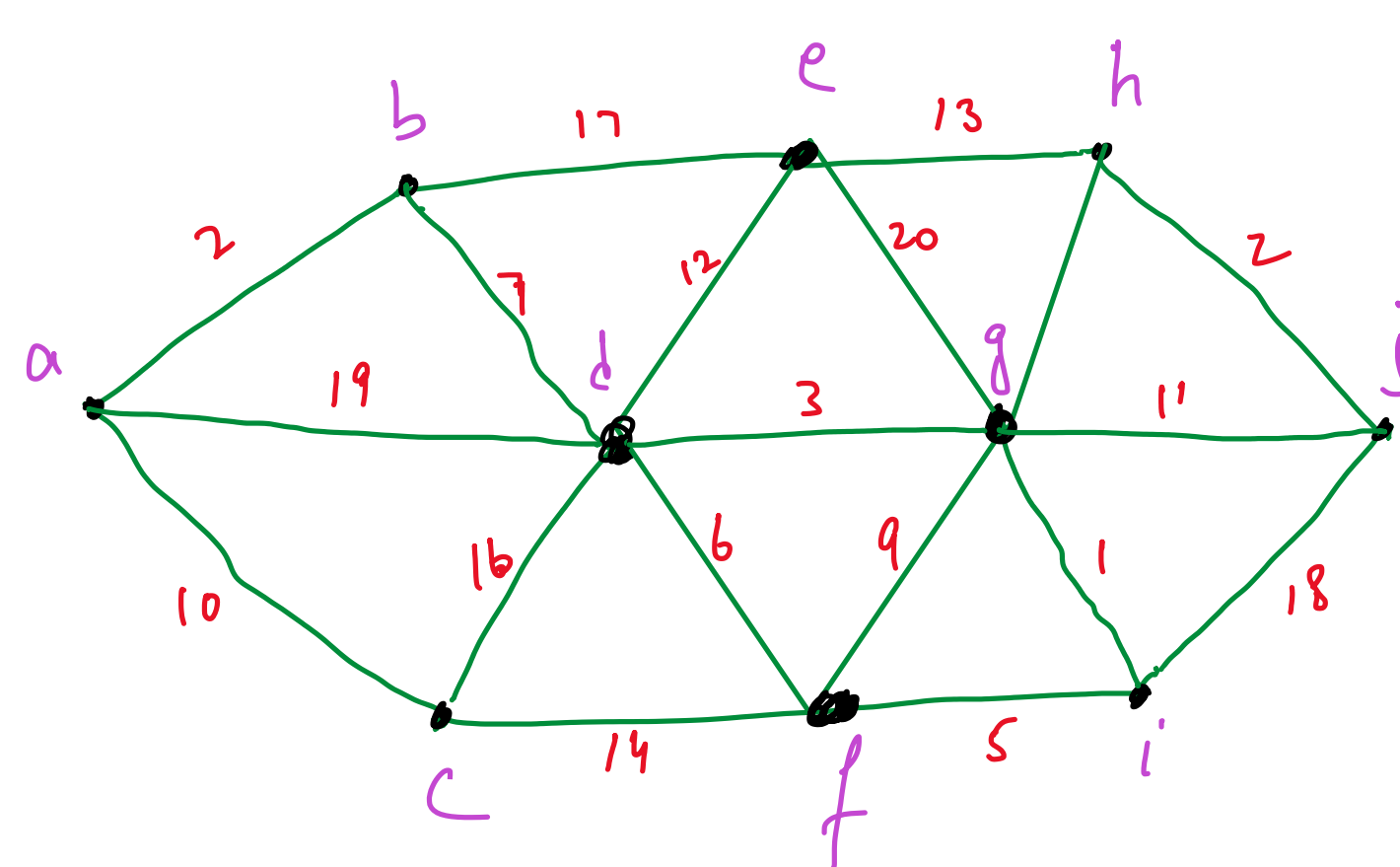
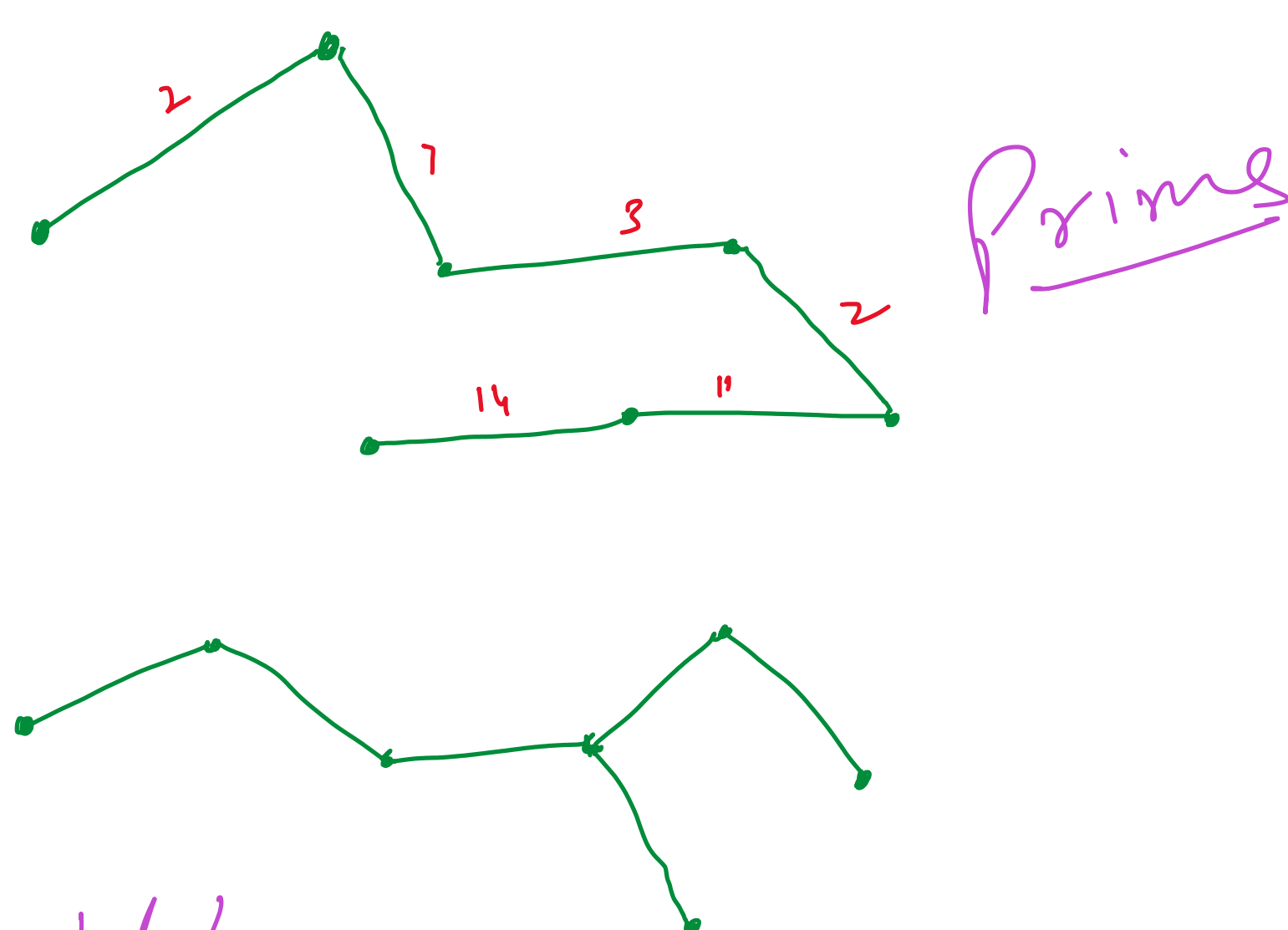


- 1) Prim's
- 2) Kruskal's
- 3) Dijkstra



① untraversed set:-
 $\{a, b, c, d, e, f, g, h, i, j\}$



Traversed list
untraversed list
edge list

0	a	a, b	a b d
10	g	8	7
-	c e e z e s	e z e s e b e t	e s e t e b -

→ Prim's

Kruskal :-

whole graph is visible

Choose minimum

Euler formula :-

connected graph with n vertices
and e edges \Rightarrow regions $= e - n + 2$

Planarity :-

G is a simple graph with $n > 3$
then follow following rule :-

$$e \leq 3n - 6$$

$$e \leq 2n - 4$$

Geometric dual

connected faces

with each other